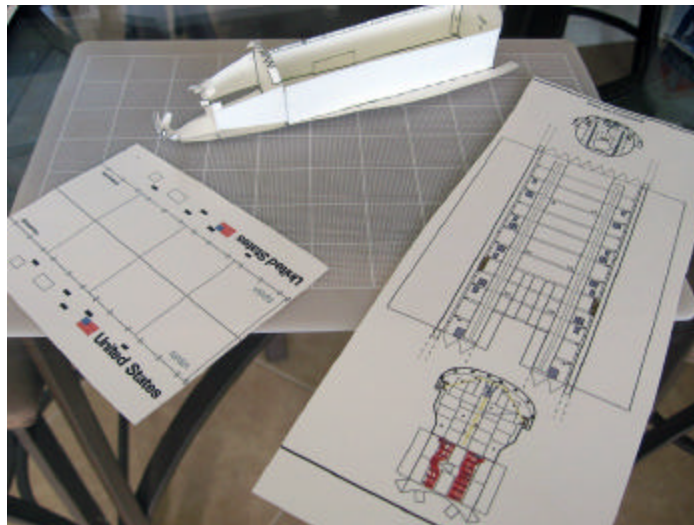


1:144 Space Shuttle Paper model Assembly Open-Payload bay version

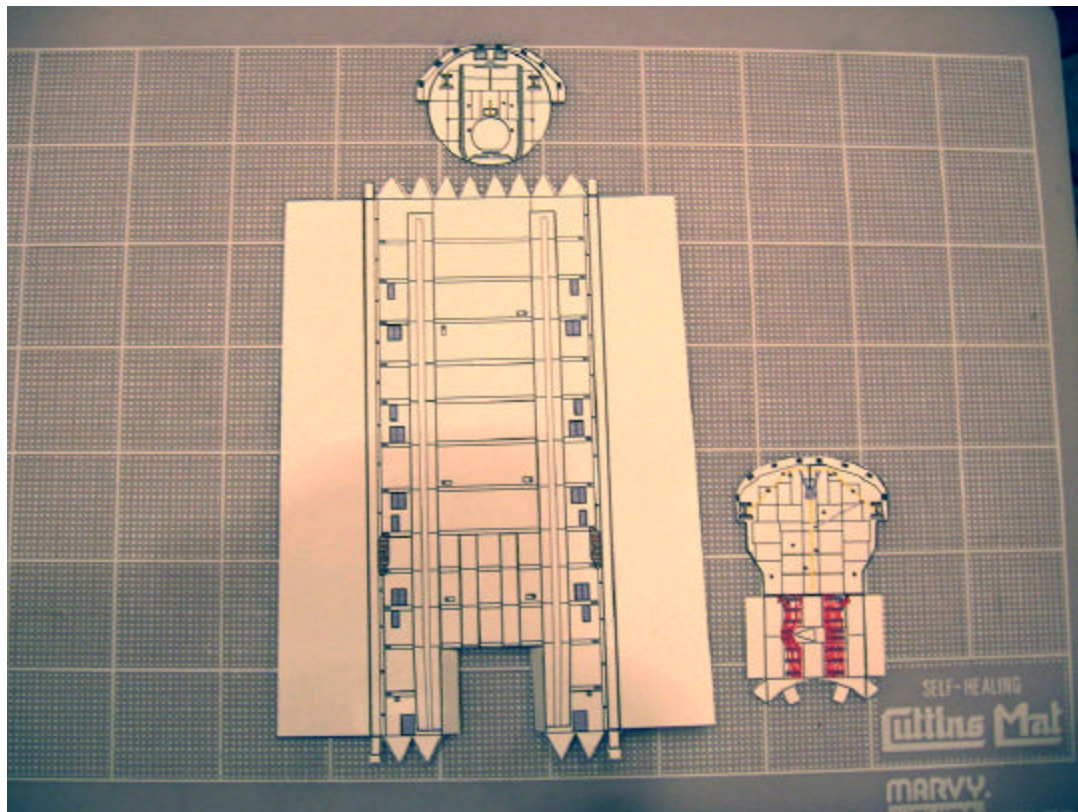


You need: White glue, a craft knife, ruler, tweezers, a cutting mat, and very, very important.....PATIENCE.
For beginners is best to learn basic techniques for papermodeling before this assembly.
You can check in the Internet.

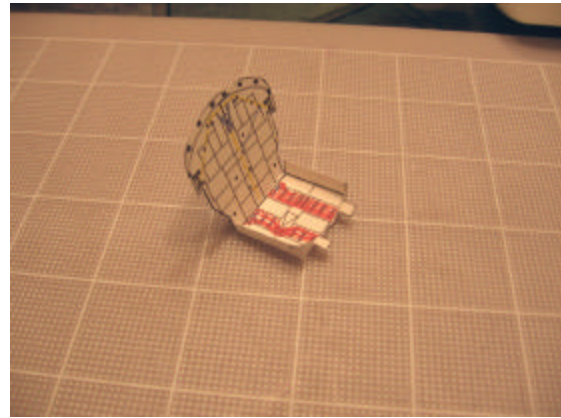
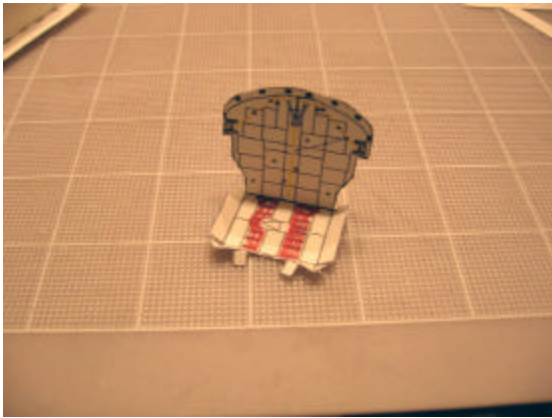
The following pages show a sequence of photos as a guide to build this model. This applies to all **open-payload bay Shuttle models**.



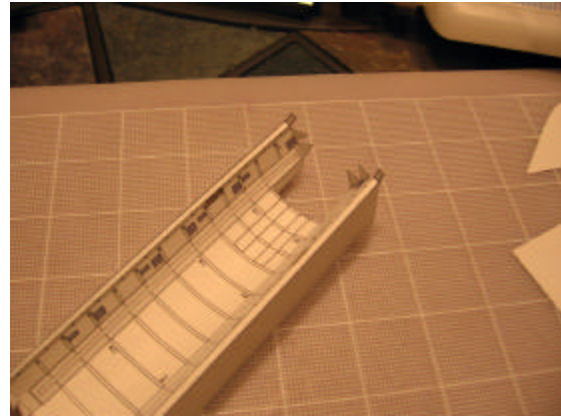
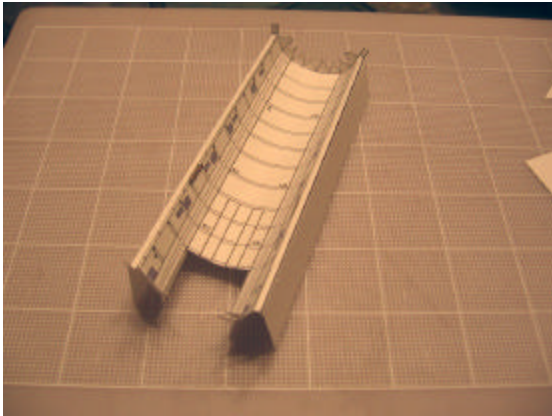
These are the 2 files for close-payload bay (left) and open-payload bay versions (right)



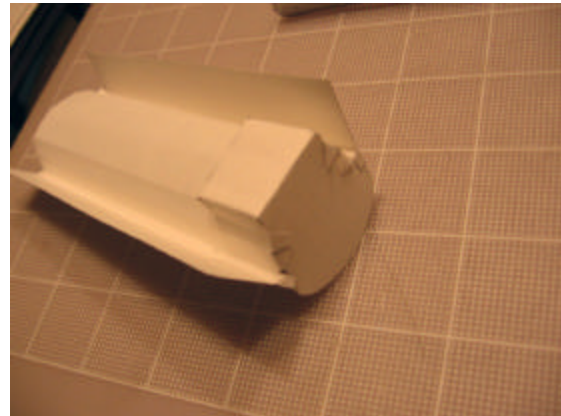
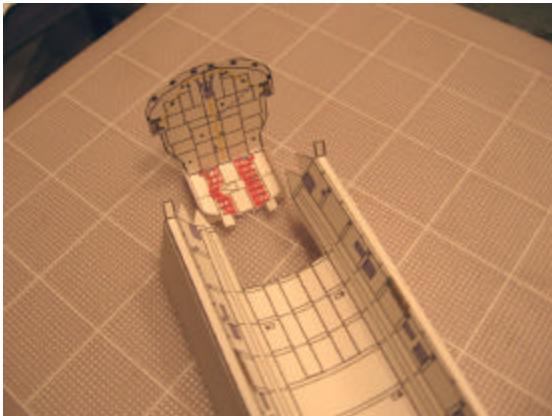
Here are the parts after being cut.



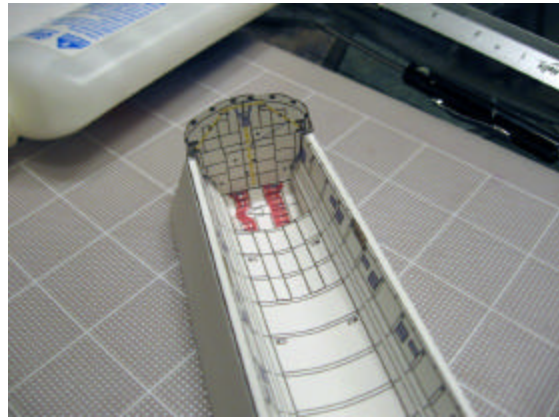
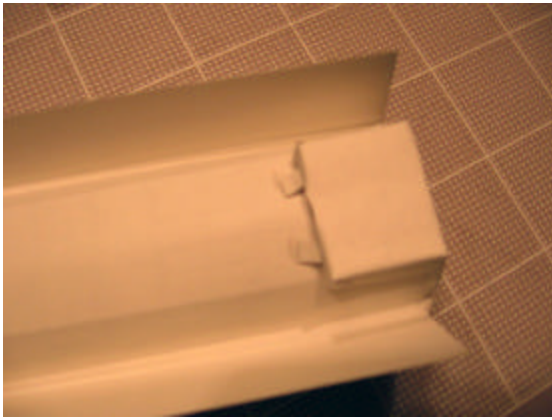
Start assembling the aft section. Note how the tabs are folded.



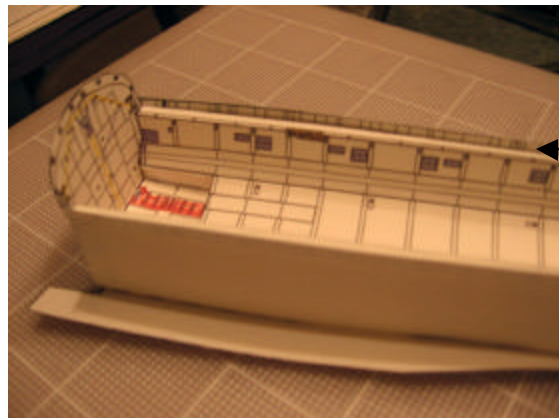
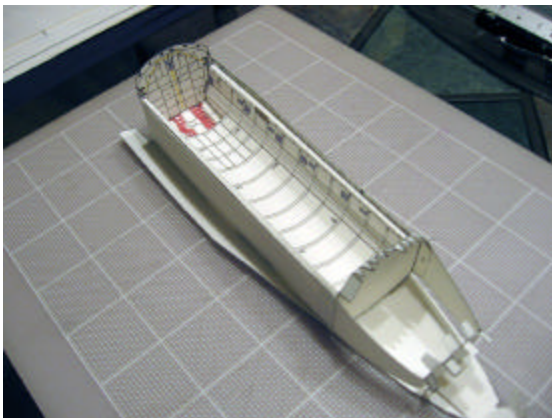
This is the payload bay "skin" after being folded along the indicated lines.



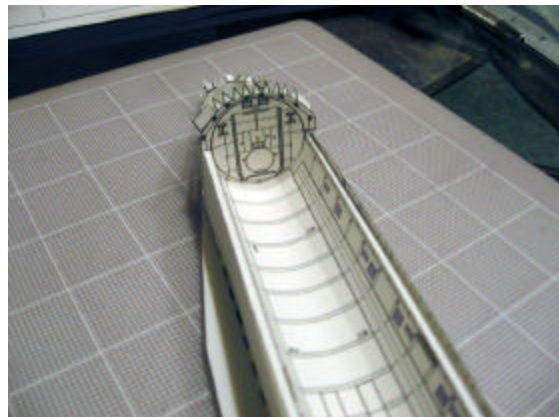
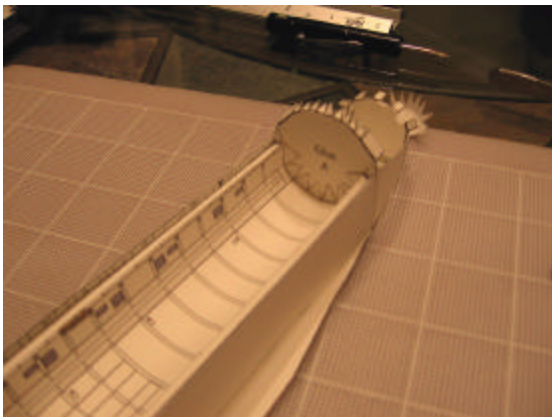
Note how these 2 parts come together. On the right is a view from the bottom.



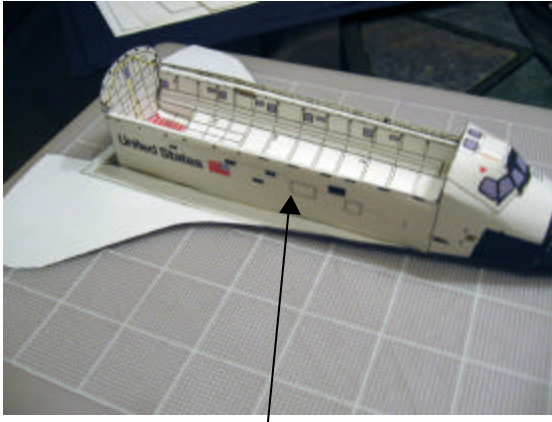
The small tabs secure the box. On the right is the completed aft section of the orbiter. This photo belongs to STS-1 payload.



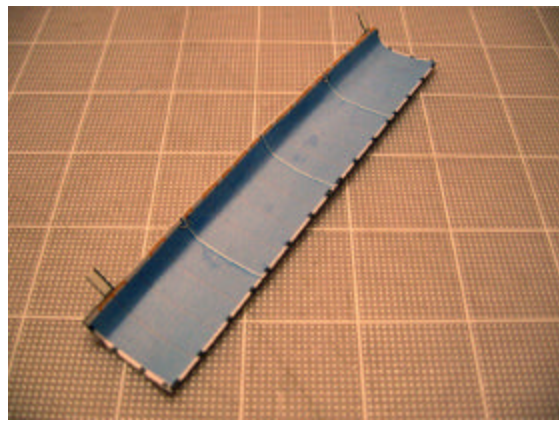
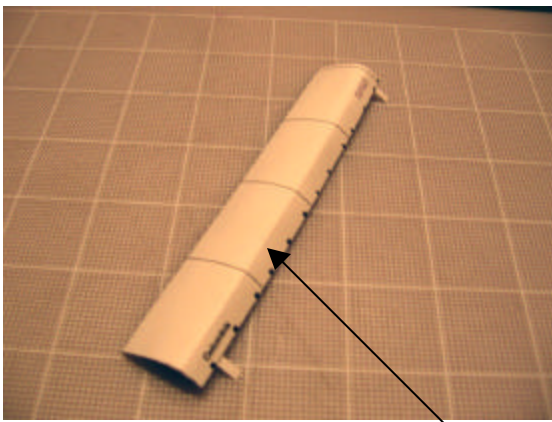
Start sliding the whole payload bay skin inside the payload bay box without glue. Normally the payload bay skin is lower than the payload bay box walls.



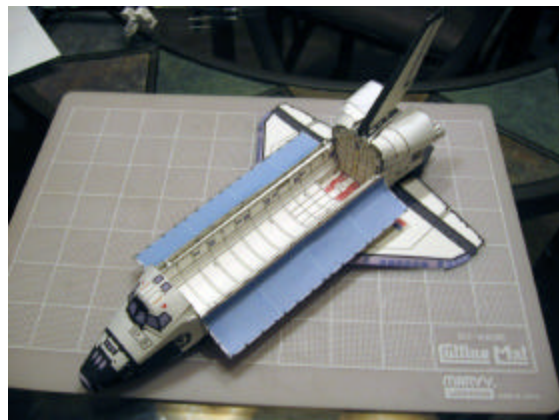
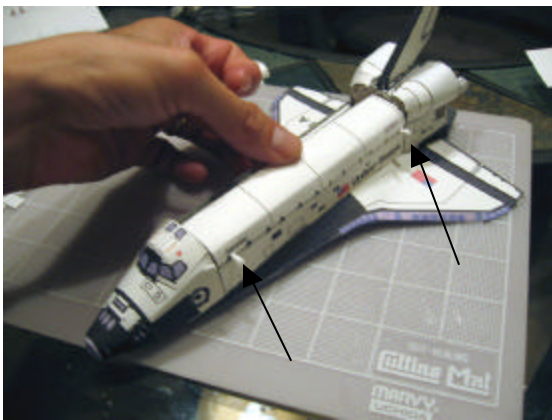
These photos show before and after putting the front bulkhead of the cabin.



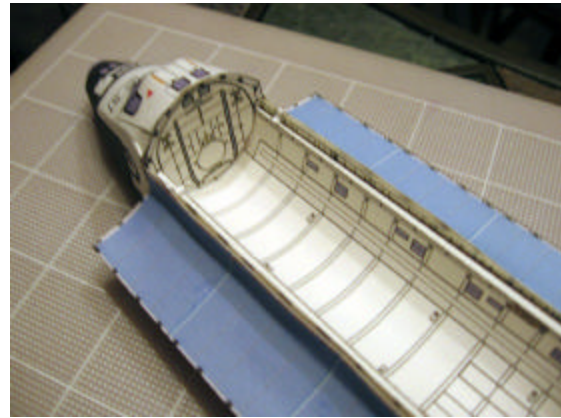
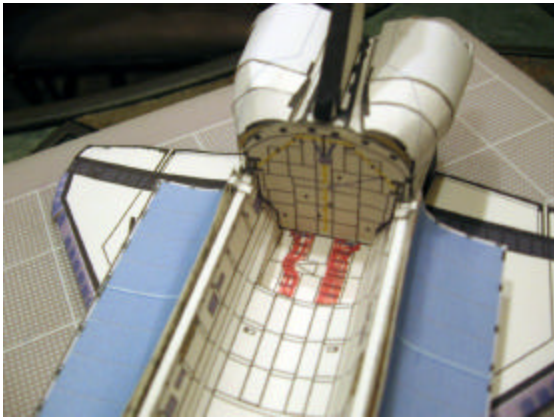
Note that the walls have been put. Wings, cabin, tail and OMS pods have been added.



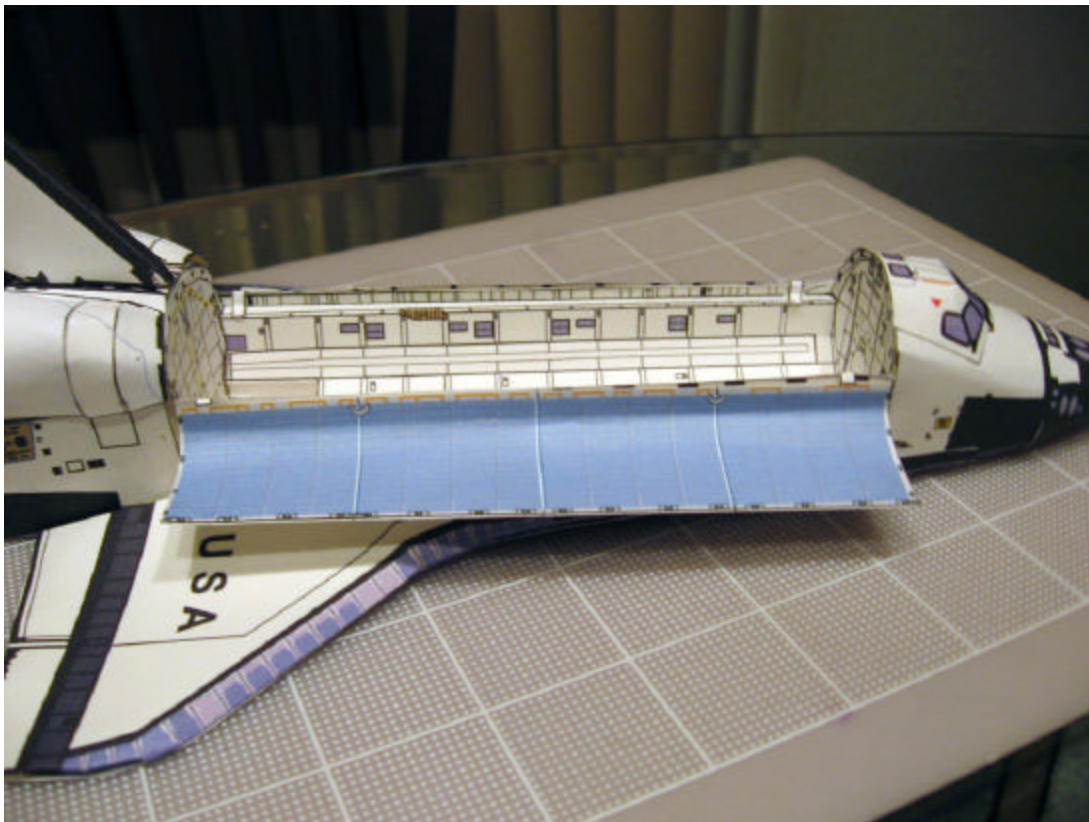
Payload bay doors are prepared now. Note the slight bend above the hinge line. IMPORTANT.



Before gluing the doors verify the curvature of the doors. The small protruding tabs will be glued to the payload bay to fix the doors in place. This hinge will ultimately break if doors are moved on a regular basis. At this point there are a lot of options to upgrade the "hinge". Experienced cardmodelers can be creative in making hinges for the doors using all kinds of materials. As an example, using the tip of toothpicks that will be inserted on the walls will ease the movement of the door to open and close with no problems.



Note the hinges that are glued in "L" shape.



.....and ready for the Payloads!!

<http://www.axmpaperspacescalemodels.com>